

Water-Data Report 2009

03598177 FALL CREEK BELOW HURRICANE CREEK NEAR ELBETHEL, TN

Lower Tennessee Basin
Upper Duck Subbasin

LOCATION.--Lat 35°33'52", long 86°31'00" referenced to North American Datum of 1983, Bedford County, TN, Hydrologic Unit 06040002, in middle of downstream side of bridge on Gregory Mill Road.

DRAINAGE AREA.--35.6 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 2008 to June 2009 (discontinued).

GAGE.--CR850 data logger with modem, water quality sensor and pressure transducer.

REMARKS.--Records fair except for estimated daily discharges which are poor.

EXTREMES FOR CURRENT YEAR.--December 2008 to June 2009: Maximum discharge during period, 3,230 ft³/s, May 2; gage height, 12.19 ft, minimum daily discharge, 0.00 ft³/s, several days.

03598177 FALL CREEK BELOW HURRICANE CREEK NEAR ELBETHEL, TN—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	e21	42	35	100	57	728	3.7	---	---	---
2	---	---	e21	37	31	117	242	2,040	3.0	---	---	---
3	---	---	e20	33	27	87	830	1,350	2.7	---	---	---
4	---	---	e50	30	22	76	147	1,030	3.8	---	---	---
5	---	---	e54	30	19	69	90	222	2.9	---	---	---
6	---	---	e40	394	18	56	66	515	2.2	---	---	---
7	---	---	e31	527	19	47	54	457	1.8	---	---	---
8	---	---	e26	150	17	42	44	210	1.6	---	---	---
9	---	---	e60	91	16	36	36	151	1.4	---	---	---
10	---	---	1,100	172	15	32	258	115	1.1	---	---	---
11	---	---	943	179	18	27	159	108	1.5	---	---	---
12	---	---	580	99	e26	29	82	83	2.2	---	---	---
13	---	---	170	74	23	107	65	65	1.4	---	---	---
14	---	---	106	57	21	585	71	54	1.0	---	---	---
15	---	---	100	45	19	415	53	47	0.90	---	---	---
16	---	---	167	35	17	177	44	42	0.80	---	---	---
17	---	---	192	32	16	109	38	40	0.54	---	---	---
18	---	---	151	31	26	77	33	30	0.37	---	---	---
19	---	---	104	29	29	59	91	24	0.22	---	---	---
20	---	---	81	23	23	47	138	20	0.12	---	---	---
21	---	---	88	19	21	39	73	17	0.05	---	---	---
22	---	---	62	18	20	34	54	14	e0.01	---	---	---
23	---	---	53	18	18	30	46	12	e0.00	---	---	---
24	---	---	83	17	17	27	41	11	e0.00	---	---	---
25	---	---	142	14	17	27	38	9.8	e0.00	---	---	---
26	---	---	87	13	18	927	35	9.0	e0.00	---	---	---
27	---	---	70	15	17	195	31	8.2	e0.00	---	---	---
28	---	---	144	88	24	141	28	6.9	e0.00	---	---	---
29	---	---	96	85	---	152	26	6.0	e0.00	---	---	---
30	---	---	69	54	---	85	24	5.8	e0.00	---	---	---
31	---	---	53	42	---	65	---	4.7	---	---	---	---
Mean	---	---	160	80.4	21.0	130	99.8	240	1.11	---	---	---
Max	---	---	1,100	527	35	927	830	2,040	3.8	---	---	---
Min	---	---	20	13	15	27	24	4.7	0.00	---	---	---

03598177 FALL CREEK BELOW HURRICANE CREEK NEAR ELBETHEL, TN—Continued

